

JIS

JAPANESE INDUSTRIAL STANDARD

**Vocabulary and Designation for
Construction of Reciprocating
Internal Combustion Engines**

JIS B 8001^{—1990}

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

JAPANESE INDUSTRIAL STANDARD

J I S

Vocabulary and Designation for Construction
of Reciprocating Internal Combustion Engines

B 8001-1990

1. Scope

This Japanese Industrial Standard specifies the definitions of the directions of rotation, designations of valves installed on cylinders, banks and cylinder heads, and right-hand and left-hand and respective locations on body of an engine for all of the reciprocating internal combustion engines excluding for automobiles and aircrafts, hereinafter referred to as the "engines".

2. Definitions

For the main terms used in this Standard the definitions in JIS B 0108 apply, and the rest of the terms shall be as follows:

- (1) direction of rotation The direction of rotation at the driving shaft extremity of an engine [see JIS Z 8907].
Furthermore, in the case where a speed-variation gear device or reversing device is assembled in the engine, the direction of rotation at the shaft end of that device.
- (2) row of valves (lateral row, longitudinal row) The relative positional relationship between respective valves in respect to an engine for specifying the arrangement of suction valves and exhaust valves which have been installed on the engine.
- (3) respective locations on engine body The outer sides of an engine and the surrounding spaces of both sides thereof for indicating the positions related to equipped parts in respect to the engine.
- (4) multi-bank engine An engine having plural number of cylinder banks.
- (5) horizontal engine An engine of which cylinder bank has been arranged horizontally.
- (6) vertical crank shaft engine An engine the crank shaft of which is vertical.